

GLASS COMPOSITION FOR DISPLAY PANELS

Abstract

A glass composition suitable for manufacturing plasma displays and large-area displays using the fusion draw process is provided. The glass composition includes 59-66 mol % SiO₂, 14.5-18.0 mol % Al₂O₃, 8.5-12.0 mol % Na₂O, 2.5-6.5 mol % K₂O, 2.5-9.0 mol % CaO, 0.0-3.0 mol % MgO, 0.0-3.0 mol % SrO, 0.0-3.0 mol % BaO, and 0.0-5.0 mol % MgO+SrO+BaO.